

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 101S18,057A
Source: JFwp
Date Processed by STIC: 1/16/07

ENTERED



IFWP

RAW SEQUENCE LISTING DATE: 01/16/2007
 PATENT APPLICATION: US/10/518,057A TIME: 14:59:36

Input Set : A:\sequence listing.txt
 Output Set: N:\CRF4\01162007\J518057A.raw

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3 <110> APPLICANT: TAKARA BIO INC.
4   SAKAI, Takeshi
5   ISHIZUKA, Kumiko
6   KATO, Ikunoshin
8 <120> TITLE OF INVENTION: ENZYME FOR DIGESTING SULFATED FUCAN FROM SEACUCUMBER
10 <130> FILE REFERENCE: SAKAI17
12 <140> CURRENT APPLICATION NUMBER: 10/518,057A
13 <141> CURRENT FILING DATE: 2004-12-16
15 <150> PRIOR APPLICATION NUMBER: JP 2002-180490
16 <151> PRIOR FILING DATE: 2002-06-20
18 <150> PRIOR APPLICATION NUMBER: JP 2002-239843
19 <151> PRIOR FILING DATE: 2002-08-20
21 <150> PRIOR APPLICATION NUMBER: PCT/JP03/07838
22 <151> PRIOR FILING DATE: 2003-06-20
24 <160> NUMBER OF SEQ ID NOS: 1
26 <170> SOFTWARE: PatentIn version 3.3
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 1521
30 <212> TYPE: DNA
31 <213> ORGANISM: Fucoidanobacter marinus SI-0098
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36 <222> LOCATION: (158)..(158)
37 <223> OTHER INFORMATION: n is a, c, g, or t
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40 <221> NAME/KEY: misc_feature
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42 <223> OTHER INFORMATION: n is a, c, g, or t
44 <220> FEATURE:
45 <221> NAME/KEY: misc_feature
46 <222> LOCATION: (295)..(295)
47 <223> OTHER INFORMATION: n is a, c, g, or t
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W--> 54 aaagaaccta cccttatgtg ggggatactt caccgaangg tgaattaata ccgcattgtgg 180
56 tctctttca catgaagagt acactnaagc tggggacctt cgggcctggc gcataaggag 240
58 ggctttcggtt cctatcgat ttgttggttag gtaacggctc accaaggcaa agacnggttag 300
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62 ggcagcgtt tcgaatctt cacaatgggc gaaagcctga tggagcaacg ccgcgtgggg 420
64 gatgaaggcc ttccgggtgtt aaacccctgt caccaaggat aaaacgtaat ctattaatac 480
66 taggttgcct gatgttaactt ggagagggaaat gagtggtctaa ctctgtgccaa gcagccggcg 540
68 taatacagag actccaagcg ttattcggat tcactggcg taaagggagc gcaggcggcc 600

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70	agatgtgtca gaggtgaaat accgcagctt aactgttagaa ctgccttga aactatctgg	660
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74	gaggaacacc aatggcgaag gcagcttact ggacgattac tgacgcttag gctcgaaagc	780
76	atggggagcg aaagggatta gatacccctg tagtccatgc cgtaaacgtt gttcaactagg	840
78	tatcgccgaca ttgcaccgtc tcggtgctca agctaacgcg ataagtgaac cgcctgagga	900
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88	gcattaagtt ggggactcta gtgggacaaa ctctctctga gagtgggaaag gtggggacga	1200
90	cgtcaagtca gtatgccct tacgtctagg gctgcacacg tgctacaatg cccggtagac	1260
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94	tctgcaactc gactccatga agtttgaatc gctagtaatg ggcgcacatcgc tatggcgccg	1380
96	tgaatacgtt cccaggcctt gtacacaccc cccgtcacgt tatggaaagcc ggtttgccc	1440
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 158,206,295

VERIFICATION SUMMARY

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L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:120

M:341 Repeated in SeqNo=1